Ansgar Poetsch　博士

教授，博士生导师

江西省省级人才

● 教育和工作背景:

2022-04 至今，南昌大学，基础医学院，教授

2019-07 至 2022-03，青岛海洋科学与技术国家实验室，海洋分子生物技术公共实验平台，教授

2017-01 至 2019-06，英国普利茅斯大学，医学系，副教授

2002-10 至 2017-01，德国波鸿鲁尔大学，生物系，副教授

2001-07 至 2002-09，德国波鸿鲁尔大学，博士后

1999-08 至 2001-05，英属哥伦比亚大学，博士后

1995-10 至 1999-05，德国达姆施塔特工业大学，生物物理化学，博士

1993-10 至 1995-09，德国达姆施塔特工业大学，化学工程，硕士研究生

1990-10 至 1993-09，德国达姆施塔特工业大学，化学工程，本科

● 研究兴趣、领域:

课题组主要致力于蛋白组、代谢组及生物化学技术的发展和应用。曾以第一作者或通讯作者在 Nature、The EMBO Journal、Journal of Proteome Research 等生化与分子生物学、微生物学领域较有影响力的 SCI 杂志上发表论文 42 篇，参与编写专著 6 部，在欧洲获批 2 项专利。

● 学术兼职:

德国应用微生物学会成员

德国蛋白质组学会理事

HUPO 理事

《Biology》编辑及审稿人

《Frontiers in Microbiology》客座编辑

《Nature Protocols》、《Proteomics》、《Journal of Proteome Research》特邀审阅人

DFG、BBSRC、EU 等基金会特邀审稿人

● 荣誉、奖励：

2022，江西省省级人才

2018，英国高等教育研究院资深会士（FHEA）

2014，中国科学院国际人才计划获得者

2009，德国联邦教育及研究部优秀青年研究课题

2004，蛋白质组学青年科学家奖

2000，Feodor-Lynen 研究奖获得者

● 代表性论文：

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2. Jian, H.; Poetsch, A. , CASZ1: Current Implications in Cardiovascular Diseases and Cancers. Biomedicines, 2023, 11, 2079.
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4. Luenenschloss, A., Veld, F., Albaum, S., Neddermann, T., Wendisch, V., Poetsch, A., et al.,Functional Genomics Uncovers Pleiotropic Role of Rhomboids in Corynebacterium glutamicum. Frontiers in Microbiology, 2022. 13.
5. Marchesini MI, Poetsch A., Guidolin L.S., Comerci D.J. Brucella abortus Encodes an Active Rhomboid Protease: Proteome Response after Rhomboid Gene Deletion. Microorganisms, 2022;10(1).
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7. Chaoyun，Chen., Harst, W., Wuxin Y., Poetsch, A., et al., Proteomic study uncovers molecular principles of single-cell-level phenotypic heterogeneity in lipid storage of Nannochloropsis oceanica. Biotechnol Biofuels, 2019. 12: p. 21.
8. Ogorodnikov, A., Poetsch, A., et al., Transcriptome 3′end organization by PCF11 links alternative polyadenylation to formation and neuronal differentiation of neuroblastoma. Nature Communications, 2018. 9(1): p. 5331.
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12. Trotschel, C., et al., Protein turnover quantification in a multilabeling approach: from data calculation to evaluation. Mol Cell Proteomics, 2012. 11(8): p. 512-26.
13. Rietschel, B., Tabiwang, N., Arrey, B., Meyer1, A., Bornemann1, S., Schuerken1, M., Poetsch, A., et al., Elastase digests: new ammunition for shotgun membrane proteomics. Mol Cell Proteomics, 2009. 8(5): p. 1029-43.
14. Gertz, M., Seelert, H., Dencher, N., Poetsch, A., et al., Interactions of rotor subunits in the chloroplast ATP synthase modulated by nucleotides and by Mg2+. Biochim Biophys Acta, 2007. 1774(5): p. 566-74.
15. Fischer, F., Wolters, D., Rögner, M., Poetsch, A., et al., Toward the complete membrane proteome - High coverage of integral membrane proteins through transmembrane peptide detection. Molecular & Cellular Proteomics, 2006. 5(3): p. 444-453.
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17. Seelert, H., Poetsch, A., et al., Structural biology - Proton-powered turbine of a plant motor. Nature, 2000. 405(6785): p. 418-419.

- **联系方式：**

电话：17660678087

E-mail: ansgarpoetsch@ncu.edu.cn